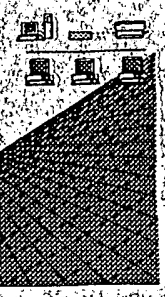


S. Agboh

BIOTECHNOLOGY
SYSTEMS
BRANCH



#23
9-20-01
PZ

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number 09/484,625
Source 1711
Date Processed by STIC: 5-14-01

RECEIVED
MAY 31 2001
TC 1700 MAIL ROOM

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY, or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY.
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW:

RECEIVED
SEP 10 2001
TC 1700

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25. Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER:

09/484,625

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 ☐ Wrapped Aminos The amino acid number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 ☐ Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4 ☐ Misaligned Amino Acid Numbering The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 ☐ Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 ☐ Variable Length Sequence(s) ☐ contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.
- 7 ☐ PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) ☐. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 8 ☐ Skipped Sequences (OLD RULES) Sequence(s) ☐ missing. If intentional, please use the following format for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 ☐ Skipped Sequences (NEW RULES) Sequence(s) ☐ missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 10 ☐ Use of n's or Xaa's (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 ☒ Use of "Artificial" (NEW RULES) Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules.
Valid response is Artificial Sequence.
- 12 ☐ Use of <220>Feature (NEW RULES) Sequence(s) ☐ are missing the <220>Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial Sequence" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13 ☐ PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

1711

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/484,625⁹

DATE: 05/14/2001

TIME: 11:53:16

Input Set : A:\list5-2-01.ST25.txt

Output Set: N:\CRF3\05142001\I484625.raw

Does Not Comply
Corrected Diskette Needed
See p. 5

C--> 3 <110> APPLICANT: Medical Research Council
 5 <120> TITLE OF INVENTION: Obesity gene
 7 <130> FILE REFERENCE: 18396/1140
 9 <140> CURRENT APPLICATION NUMBER: US/09/484,625
 10 <141> CURRENT FILING DATE: 2000-01-18
 12 <150> PRIOR APPLICATION NUMBER: PCT/GB99/02658
 13 <151> PRIOR FILING DATE: 1998-12-08
 15 <160> NUMBER OF SEQ ID NOS: 37
 17 <170> SOFTWARE: PatentIn version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 924
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Rattus sp.
 24 <400> SEQUENCE: 1
 25 tgtcatgttg cgggctttga accgcctggc cgcgcgcccc gggggccagc ccccaaccct 60
 27 gctccttctg cccgtgcgcg gccgcaagac ccgccacgat ccgcctgcc agtccaaggt 120
 29 cgggcgcggtg aaaaatgcctc ctgcagtggg ccctgcggaa ttgttcgtgt tgaccgagcg 180
 31 ctaccgacag taccgggaga cgggtgcgcg tctcaggcga gatttcacat tggaggtgcg 240
 33 agggaaattg caccaggccc gagccggggt tctggctgag cgcaaggcgc aagaggccat 300
 35 cagagagcac caggagctga tggcctggaa ccgggaggag aaccggagac tgcaggaaat 360
 37 acggatagct aggttcgagc tcgaagcaca ggcccaggag ctgcggcagg ctgaggtcca 420
 39 ggcccagagg gcccgaggag agcaggcttg ggtgcaactg aaagaacaag aagttctcaa 480
 41 actgcaggag gaggccaaaa acttcatcac tcggggagaac ctggaggcac ggatagaaga 540
 43 ggccttggac tctccgaaga gttataactg ggcggtcacc aaagaagggc aggtggtcag 600
 45 gaactgagaa cagaggcctc tcaggcccaa ataaggacag tgcttgccca gggactggat 660
 47 attggggtag aaattggtgc atcccaggag ggtggcacag ccttgccag agcagcccc 720
 49 attcattcta gatttggcac caggtatagt acctgttctg acaccacata caaactccgg 780
 51 acagcattaa actctgggaa gttcctatca cacagaagat cagactggac tgtcccctct 840
 53 agaagccaag agctgtctcc tgagtttctt ggaatagtgt gagcccaatg tttcctgctt 900
 55 ttataaataa actattggaa agca 924
 58 <210> SEQ ID NO: 2
 59 <211> LENGTH: 200
 60 <212> TYPE: PRT
 61 <213> ORGANISM: Rattus sp.
 63 <400> SEQUENCE: 2
 65 Met Leu Arg Ala Leu Asn Arg Leu Ala Ala Arg Pro Gly Gly Gln Pro
 66 1 5 10 15
 68 Pro Thr Leu Leu Leu Leu Pro Val Arg Gly Arg Leu Thr Arg His Asp
 69 20 25 30
 71 Pro Pro Ala Leu Ser Leu Val Gly Arg Val Leu Met Pro Pro Ala Val
 72 35 40 45
 74 Asp Pro Ala Glu Leu Phe Val Leu Thr Glu Arg Tyr Arg Gln Tyr Arg
 75 50 55 60
 77 Glu Thr Val Arg Ala Leu Arg Arg Glu Phe Thr Leu Glu Val Arg Gly
 78 65 70 75 80
 80 Lys Leu His Glu Ala Arg Ala Gly Val Leu Ala Glu Arg Lys Ala Gln
 81 85 90 95

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/484,625

DATE: 05/14/2001

TIME: 11:53:16

Input Set : A:\list5-2-01.ST25.txt

Output Set: N:\CRF3\05142001\I484625.raw

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83 Glu Ala Ile Arg Glu His Gln Glu Leu Met Ala Trp Asn Arg Glu Glu
84           100           105           110
86 Asn Arg Arg Leu Gln Glu Leu Arg Ile Ala Arg Leu Gln Leu Glu Ala
87           115           120           125
89 Gln Ala Gln Glu Leu Arg Gln Ala Glu Val Gln Ala Gln Arg Ala Gln
90           130           135           140
92 Glu Glu Gln Ala Trp Val Gln Leu Lys Glu Gln Glu Val Leu Lys Leu
93 145           150           155           160
95 Gln Glu Glu Ala Lys Asn Phe Ile Thr Arg Glu Asn Leu Glu Ala Arg
96           165           170           175
98 Ile Glu Glu Ala Leu Asp Ser Pro Lys Ser Tyr Asn Trp Ala Val Thr
99           180           185           190
101 Lys Glu Gly Gln Val Val Arg Asn
102           195           200
104 <210> SEQ ID NO: 3
105 <211> LENGTH: 998
106 <212> TYPE: DNA
107 <213> ORGANISM: Rattus sp.
109 <400> SEQUENCE: 3
110 atgctacgcg cgctgagccg cctggggcgcg gggaccccg gcaggcccg ggcccctctg 60
112 gtgctgccag cgcgcggccg caagaccgcg cagcaccgcg tgccaaatc caagatcgag 120
114 cgagtgaaca tgccgccccg ggtggaccct gcggagttct tcgtgctgat ggagcgttac 180
116 cagcactacc gccagaccgt gcgcgcctc aggatggagt tcgtgtccga ggtgcagagg 240
118 aaggtgcacg aggcccgagc cggggttctg gcggagcgca aggccctgaa ggacgccgcc 300
120 gagcaccgag agctgatggc ctggaaccag gcggagaacc ggcggtgca cgagctgcgg 360
122 atagcgaggc tgccgcagga ggagcgggag caggagcagc gccaggcgtt ggagcaggcc 420
124 cgcaaggccg aagaggtgca ggcctgggcg cagcgcaagg agcgggaagt gctgcagctg 480
126 caggaagagg tgaaaaactt catcaccgga gagaacctg aggcacgggt ggaagcagca 540
128 ttggactccc ggaagaacta caactgggcc atcaccagag aggggctggt ggtaggcca 600
130 caacgcaggg actcctaggg gccagtaag gacagtcccc gccagggacc atgtatgtat 660
132 catggcggaa gatttgcccc tgacctggaa taaagcagtt ggtgttgctt atgaggaagg 720
134 ttcagcctta tccagcacag ccttcacgtt ttgccctctg ctgtcaccac ttggtcagaa 780
136 acttccaaac gcagtgccct gttctgccg tgtgtaaaag ctcagcgcac caggagaccc 840
138 tagagtgtt tccatctcac agagaatcag acaggccaca gcccctcag gcagccagg 900
140 catctgagta tcattaagag tagtgatggg aagattacag tctgagggcc aaacgtgcct 960
142 gcttctgtt tttgtaaata aagtttgtt ggaacaca
145 <210> SEQ ID NO: 4
146 <211> LENGTH: 205
147 <212> TYPE: PRT
148 <213> ORGANISM: Rattus sp.
150 <400> SEQUENCE: 4
152 Met Leu Arg Ala Leu Ser Arg Leu Gly Ala Gly Thr Pro Cys Arg Pro
153 1           5           10           15
155 Arg Ala Pro Leu Val Leu Pro Ala Arg Gly Arg Lys Thr Arg His Asp
156           20           25           30
158 Pro Leu Ala Lys Ser Lys Ile Glu Arg Val Asn Met Pro Pro Ala Val
159           35           40           45
161 Asp Pro Ala Glu Phe Phe Val Leu Met Glu Arg Tyr Gln His Tyr Arg
162           50           55           60

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/484,625

DATE: 05/14/2001

TIME: 11:53:16

Input Set : A:\list5-2-01.ST25.txt

Output Set: N:\CRF3\05142001\I484625.raw

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164 Gln Thr Val Arg Ala Leu Arg Met Glu Phe Val Ser Glu Val Gln Arg
165 65 70 75 80
167 Lys Val His Glu Ala Arg Ala Gly Val Leu Ala Glu Arg Lys Ala Leu
168 85 90 95
170 Lys Asp Ala Ala Glu His Arg Glu Leu Met Ala Trp Asn Gln Ala Glu
171 100 105 110
173 Asn Arg Arg Leu His Glu Leu Arg Ile Ala Arg Leu Arg Gln Glu Glu
174 115 120 125
176 Arg Glu Gln Glu Gln Arg Gln Ala Leu Glu Gln Ala Arg Lys Ala Glu
177 130 135 140
179 Glu Val Gln Ala Trp Ala Gln Arg Lys Glu Arg Glu Val Leu Gln Leu
180 145 150 155 160
182 Gln Glu Glu Val Lys Asn Phe Ile Thr Arg Glu Asn Leu Glu Ala Arg
183 165 170 175
185 Val Glu Ala Ala Leu Asp Ser Arg Lys Asn Tyr Asn Trp Ala Ile Thr
186 180 185 190
188 Arg Glu Gly Leu Val Val Arg Pro Gln Arg Arg Asp Ser
189 195 200 205

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191 <210> SEQ ID NO: 5

192 <211> LENGTH: 943

193 <212> TYPE: DNA

194 <213> ORGANISM: Mus musculus

196 <400> SEQUENCE: 5

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197 tgtcatgttg cgcgctctga accgcctggc gcagcggcgc ggagaccggc ccccgacccc 60
199 gctgctcctg cccgtgcgcg gccgcaagac ccgccatgac ccgcctgcca aatccaaggt 120
201 cggacgggtg cagacgcctc ccgccgtgga ccctgcggaa ttcttcgtgt tgaccgagcg 180
203 ctacggacag taccgggaga ccgtgcgcgc tctcaggcta gatttcacgt tggatgtgcy 240
205 aaggaaattg cagcaggccc gagccggggt tctggccgag cgcaaggcgc agcaggccat 300
207 caccgagcac cgggagctga tggcctggaa ccgggacgag aaccggcgaa tgcaggagct 360
209 acggatagcg aggttgacgc tggaaacaca ggcccaggag gtgcagaagg ctgaggccca 420
211 ggcgcagagg gctcaggagg agcaggcttg ggtgcaactg aaagagcaag aagtgtcaa 480
213 gctgcaggag gaggcaaaaa acttcatcac tcgggagaac ctggaggcac ggatagaaga 540
215 agcgttgga cttccgaaga gttacaactg ggccgtcacc aaagaagggc aggtggtcag 600
217 gaactgagca cagagacttc tgggggcccc aataagcaca gtgcttgcc tgggtctgtg 660
219 tactgggata ggaattggtg catcccagga ggatggctca gccgtttcca gagcaacctc 720
221 agtcactoca ggctcggcac tcaccacctg actgggaact ccagatgtc cctgttctgg 780
223 caccacagtc aaactgaggg cagcattaaa ctctgggaag ttctatcgc acagaggatc 840
225 ggactggact gtgtccctct agaagccaag cttgtcttgt aagtctcttg gagtctctgt 900
227 agccaaatgt ttctgtcttt tataaataaa gtattggagc cca 943

```

230 <210> SEQ ID NO: 6

231 <211> LENGTH: 200

232 <212> TYPE: PRT

233 <213> ORGANISM: Mus musculus

235 <400> SEQUENCE: 6

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237 Met Leu Arg Ala Leu Asn Arg Leu Ala Gln Arg Pro Gly Asp Arg Pro
238 1 5 10 15
240 Pro Thr Pro Leu Leu Pro Val Arg Gly Arg Lys Thr Arg His Asp
241 20 25 30
243 Pro Pro Ala Lys Ser Lys Val Gly Arg Val Gln Thr Pro Pro Ala Val

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/484,625

DATE: 05/14/2001

TIME: 11:53:17

Input Set : A:\list5-2-01.ST25.txt

Output Set: N:\CRF3\05142001\I484625.raw

244	35	40	45
246	Asp Pro Ala Glu Phe Phe Val Leu Thr Glu Arg Tyr Gly Gln Tyr Arg		
247	50	55	60
249	Glu Thr Val Arg Ala Leu Arg Leu Glu Phe Thr Leu Asp Val Arg Arg		
250	65	70	80
252	Lys Leu His Glu Ala Arg Ala Gly Val Leu Ala Glu Arg Lys Ala Gln		
253	85	90	95
255	Gln Ala Ile Thr Glu His Arg Glu Leu Met Ala Trp Asn Arg Asp Glu		
256	100	105	110
258	Asn Arg Arg Met Gln Glu Leu Arg Ile Ala Arg Leu Gln Leu Glu Ala		
259	115	120	125
261	Gln Ala Gln Glu Val Gln Lys Ala Glu Ala Gln Arg Gln Arg Ala Gln		
262	130	135	140
264	Glu Glu Gln Ala Trp Val Gln Leu Lys Glu Gln Glu Val Leu Lys Leu		
265	145	150	160
267	Gln Glu Glu Ala Lys Asn Phe Ile Thr Arg Glu Asn Leu Glu Ala Arg		
268	165	170	175
270	Ile Glu Glu Ala Leu Asp Ser Pro Lys Ser Tyr Asn Trp Ala Val Thr		
271	180	185	190
273	Lys Glu Gly Gln Val Val Arg Asn		
274	195	200	
276	<210> SEQ ID NO: 7		
277	<211> LENGTH: 2852		
278	<212> TYPE: DNA		
279	<213> ORGANISM: Homo sapiens		
281	<400> SEQUENCE: 7		
282	tgacctctgt ggatctgata tacatgtaag tgacagacca tccgagctat atagtgagac	60	
284	ctgtgcaagg aaggatggag tgcacgttcc ctgatgttca gagcaaccct gtgtcactcc	120	
286	aggtaggtga gatgagagga agaggggtggc cttggcctgg gcctcctacg ggccctggaag	180	
288	ttgggagaag gatgtaagca gactctgttc tcttctgaga aatatcaggt attgcagtca	240	
290	gcccaggctc ctccagaccct cctaagtgc gattctctgc agaattctggt gttgacaaca	300	
292	ctaattgagta ggatgagact tcagttccct agccctcacc gtcagcttct gattaccaac	360	
294	aactctccca gaggagagcc atctacctt gggacagatg ctctctgccc tgcaactgct	420	
296	cctgtttctc ttcatgttag aggaagatag tacttttaaa gcttcataaa tgggtctcaag	480	
298	gtgggaagac cccggctcag gtgaaagagg acaagcgta cctcacacag gccaccaggt	540	
300	agaaaaaag tgatcactga tactgagaac tctggcaatt gcagagctgc ccaagaccac	600	
302	aacagggcag tgcaatgcaa ggaaaagggt tgttgctcga ttgcaaacct aaagttaaaa	660	
304	gtgcatcagg agaacgctta ctcaaagagg aagtgtaaag ctaacttaag tagctagaag	720	
306	ctcagaattt ctgcatcag ccctggaagg gtacacaggc caccggtggg ccagagaacc	780	
308	acacgctttg gggcggtgtc caagcttgtg aacaagtagg caagagcgcc tgggtgtgta	840	
310	gctgtcattg gcgggcaata cagcccagcg aactgtgggc tccaagggtgc cctcgaccc	900	
312	tcccactcta cccgagactc cagggacgag atgggccaag cagcaagagc tccgcctacg	960	
314	ggggcgggga caggagattc ccgtgatgct cctcgaccac ttccggacag ggcgcaggcg	1020	
316	ctagctgtca tgttcggggc tttgaaccgc ctggccgcgc ggcccggggg ccagcccca	1080	
318	accctgctcc ttctgcccgt gcgcggccca cggcccgcct cattctcggc tcctttttcc	1140	
320	tcgcaggata gctaggttgc agctcgaagc acaggcccag gagctgcggc aggctgaggt	1200	
322	ccaggcccag agggcccagg aggagcaggc ttgggtgcaa ctgaaagaac aagaagttct	1260	
324	caaactgcag gtgggcccag gtcgtgagga atgtgggtat tggagattcc ggtgagggag	1320	
326	gctctgggga gagcagcaca ggggtgtcaag tgaccagtct tcaggaggct tctctctctg	1380	

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/484,625

DATE: 05/14/2001

TIME: 11:53:17

Input Set : A:\list5-2-01.ST25.txt

Output Set: N:\CRF3\05142001\I484625.raw

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328 ctctgcacac acagagtgcc tcccagacaa tggatcaatga aagggttacag gctagtattg 1440
330 ccgtgtgaaa cttgaaggtc agggaaacca taaatgagaa tggagctgtt tttattgtgt 1500
332 aaggagagagt gacaaggttg agagagtcca ccaccccgca cctcccccg cccccaatca 1560
334 ggttgtcacg attcgattcg ttcttggtt gtggtgaga gatctgatgg gtaattgtcc 1620
336 gaggaagagg gatataatgg ttgaggtcac ctagtacagt tgtgctggcc tattggtggg 1680
338 aacctcaaaag gggccctggg ctcttttgac acccttctta aggtgggcta gagacagtaa 1740
340 gttatgcagg cagccagctc tgagagatcc cactagcta acctttctct tcccgttaga 1800
342 ggaggccaaa aacttcatca ctcgggagaa cctggaggca cggatagaag aggccttgga 1860
344 ctctccgaag agttataact gggcggtcac caaagaaggg cagggtgtca ggaactgaga 1920
346 acagagggcct ctcaggccca aataaggaca gtgcttgctt agggactgga tattggggta 1980
348 gaaattgggt catcccagga ggggtgcaca gccttgcca gagcagcccc cattcattct 2040
350 agatttggca ccaggtatag tacctgttct gacaccacat acaaactccg gacagcatta 2100
352 aactctggga agttcctatc acacagaaga tcagactgga ctgtccctc tagaagccaa 2160
354 gagctgtctc ctgagtttct tggaatagtg tgagcccaat gtttctgtct tttataaata 2220
356 aactattgga aagcaaagcc ttttgttatg tggcttgcct tttctgtgtg tagaataagt 2280
358 ttatttgtcc cagttatttg ggtcttaagg ttattagcca aaagccagtt cacctaactg 2340
360 agccaggagt tagttatctg ctttgcctaa tcctgggctt tgctgggtag ggtcaggtgt 2400
362 gtccaaggtc cagaaagcaa aaagggtgcc ccgtttctcc tgggaaggct tccccgtcag 2460
364 tgatttctgt aaccggaccc tgccctgaca cagcgtcatt ggactacca gcagacagta 2520
366 gactccactc taaacccgct tcttgcggtc agttgctgtc cttcagtggt tgtaagcagt 2580
368 ggccagacag cacccttggg tgctatttca agactctctc accttgggtc gctttacgtt 2640
370 tggtttgatt tggtttgttc tggtttttga gacgagccct ttactggaa cctggcactc 2700
372 agtatattaga ctgccagcc agctagcctc agagaatgca tctgcgtatg cttgcctggc 2760
374 gctggaattc ggtgcacatg gctttgatgt gtaccgggga tcagacacag atgtttcatg 2820
376 agtgcagtgc atgcctgtta gtggtagagc tc 2852

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379 <210> SEQ ID NO: 8

380 <211> LENGTH: 41

381 <212> TYPE: PRT

382 <213> ORGANISM: Homo sapiens

384 <400> SEQUENCE: 8

386 Met Leu Arg Ala Leu Asn Arg Leu Ala Ala Arg Pro Gly Gly Gln Pro

387 1 5 10 15

389 Pro Thr Leu Leu Leu Leu Pro Val Arg Gly Pro Arg Pro Arg Ser Phe

390 20 25 30

392 Ser Ala Pro Phe Ser Ser Gln Asp Ser

393 35 40

395 <210> SEQ ID NO: 9

396 <211> LENGTH: 20

397 <212> TYPE: DNA

c--> 398 <213> ORGANISM: Artificial

400 <220> FEATURE:

401 <223> OTHER INFORMATION: SYNTHETIC PRIMER

403 <220> FEATURE:

404 <221> NAME/KEY: misc_feature

405 <222> LOCATION: (1)..(20)

406 <223> OTHER INFORMATION: SYNTHETIC PRIMER

409 <400> SEQUENCE: 9

410 ttcacaccac tctgtcgaac

413 <210> SEQ ID NO: 10

Incomplete <213> response as per section 1.823b of the new sequence rules. See #11 on the Error Summary Sheet.

20

Please

Note:

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/484,625

DATE: 05/14/2001

TIME: 11:53:18

Input Set : A:\list5-2-01.ST25.txt

Output Set: N:\CRF3\05142001\I484625.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
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L:416 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
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